

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

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DATA MATRIX

Date July 26, 2016	EPA Reg No./File Symbol 92474-xx	Page 1 of 68
Applicant's/Registrant's Name & Address <div style="text-align: center;">Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471</div>	Product <div style="text-align: center;">Willowood Glyphosate Tech</div>	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Specific Data Requirements					
830.1550	Product Identity and Composition	49774401	Willowood Glyphosate, LLC	OWN	
830.1600	Description of Materials Used to Produce the Product	49774401	Willowood Glyphosate, LLC	OWN	
830.1620	Description of Production Process	49774401	Willowood Glyphosate, LLC	OWN	
830.1650	Description of Formulation Process				Not Required ¹
830.1670	Discussion of Formation of Impurities	49774401	Willowood Glyphosate, LLC	OWN	
830.1700	Preliminary Analysis	49774402	Willowood Glyphosate, LLC	OWN	
830.1750	Certified Limits	49774401	Willowood Glyphosate, LLC	OWN	
830.1800	Enforcement Analytical Method	49774402	Willowood Glyphosate, LLC	OWN	
		49774401	Willowood Glyphosate, LLC	OWN	
830.6302	Color	49774403	Willowood Glyphosate, LLC	OWN	
830.6303	Physical State	49774403	Willowood Glyphosate, LLC	OWN	
830.6304	Odor	49774403	Willowood Glyphosate, LLC	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	49774403	Willowood Glyphosate, LLC	OWN	Data Waiver ²
		49774404	Willowood Glyphosate, LLC	OWN	

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6314	Oxidation/Reduction: Chemical Incompatibility	49774403	Willowood Glyphosate, LLC	OWN	
830.6315	Flammability	49774404	Willowood Glyphosate, LLC	OWN	Waiver ³
830.6316	Explosibility	49774404	Willowood Glyphosate, LLC	OWN	Waiver ⁴
830.6317	Storage Stability	49774403	Willowood Glyphosate, LLC	OWN	
830.6319	Miscibility				Not Required ⁵
830.6320	Corrosion Characteristics	49774403	Willowood Glyphosate, LLC	OWN	
830.6321	Dielectric Breakdown Voltage				Not Required ⁵
830.7000	pH	49774403	Willowood Glyphosate, LLC	OWN	
830.7050	UV/Visible Absorption	49774403	Willowood Glyphosate, LLC	OWN	
830.7100	Viscosity	49774404	Willowood Glyphosate, LLC	OWN	Not Required ⁵
830.7200	Melting Point/Melting Range	49774403	Willowood Glyphosate, LLC	OWN	
830.7220	Boiling Point/Boiling Range				Not Required ⁶
830.7300	Density/Relative Density/Bulk Density	49774403	Willowood Glyphosate, LLC	OWN	
830.7370	Dissociation Constants in Water	49774404	Willowood Glyphosate, LLC	PL	
830.7520	Particle Size, Fiber Length, and Diameter Distribution	49774404	Willowood Glyphosate, LLC	OWN	Waiver ⁵

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	49774404	Willowood Glyphosate, LLC	PL	
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 830.7550
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7550
830.7840	Water Solubility: Column Elution Method; Shake Flask Method	49774404	Willowood Glyphosate, LLC	PL	
830.7860	Water Solubility, Generator Column Method				See 830.7840
830.7950	Vapor Pressure	49774404	Willowood Glyphosate, LLC	PL	
870.1100	Acute Oral Toxicity: Rat	45058306		OLD	
870.1200	Acute Dermal Toxicity: Rat	45058307		OLD	
870.1300	Acute Inhalation Toxicity: Rat	45058308		OLD	
870.2400	Primary Eye Irritation: Rabbit	45058309		OLD	
870.2500	Primary Dermal Irritation	45058310		OLD	
870.2600	Dermal Sensitization	45058311		OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Generic Data					
850.2100	Acute Avian Oral Toxicity	00108204 48934206	Joint Glyphosate Task Force	OLD PAY	See endnote ⁷
850.2200	Acute Avian Dietary Toxicity	00076492 00108107 44320628		OLD OLD OLD	See endnote ⁸
850.2400	Wild Mammal Toxicity	00076492 41621501 43728003		OLD OLD OLD	See endnote ⁹
850.2300	Avian Reproductive Toxicity	00108207 00036328 00111953		OLD OLD OLD	See endnote ¹⁰
850.2500	Simulated or Actual Field Testing				Not required

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Ingredient Glyphosate (CAS No. 1071-83-6)		

850.1075	Freshwater Fish Toxicity	00136339 GS-0178025 00152596 00152599 00152601 00152767 00108112 00108205 00070895 00078661 00070897 00078662 00078655 00078664 00078656 00078665 00078658 00108205		OLD PL OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	See endnote ¹¹
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00078659		OLD	
		00124760		OLD	
		GS0178025		PL	
		00152598		OLD	
		00152766		OLD	
		00152903		OLD	
		00155477		OLD	
		40098001		OLD	
		44320630		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1010	Freshwater Invertebrate Toxicity	00108172		OLD	See endnote ¹²
		00070893		OLD	
		00078666		OLD	
		00078657		OLD	
		00124762		OLD	
		00078660		OLD	
		GS0178025		PL	
		00078663		OLD	
		00152597		OLD	
		00152600		OLD	
		00152602		OLD	
		00152768		OLD	
		00162296		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1025, 850.1035, 850.1045, 850.1055, 850.1075	Acute Toxicity Estuarine and Marine Organisms	44320632		OLD	See endnote ¹³
		44320634		OLD	
		45374005		OLD	
		45374006		OLD	
		00108110		OLD	
		00108111		OLD	
		48934205	Joint Glyphosate Task Force	PAY	
		48934204	Joint Glyphosate Task Force	PAY	
		48934203	Joint Glyphosate Task Force	PAY	
		48934202	Joint Glyphosate Task Force	PAY	
		48934201	Joint Glyphosate Task Force	PAY	
850.1300	Aquatic Invertebrate Life Cycle (Freshwater)	00124763		OLD	See endnote ¹⁴
850.1350	Aquatic Invertebrate Life Cycle (Saltwater)	44320634		OLD	See endnote ¹⁵
850.1400	Fish Early Life Stage (Freshwater)	00108171		OLD	See endnote ¹⁶
850.1400	Fish Early Life Stage (Saltwater)				Not required ¹⁷
850.1500	Life Cycle Fish	00108171		OLD	See endnote ¹⁸

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1710, 850.1730, 850.1850	Aquatic Organisms Bioavailability, Biomagnification, Toxicity	41228301		OLD	See endnote ¹⁹
850.1950	Simulated or Actual Field Testing for Aquatic Organisms				Not required
850.1735	Whole Sediment: Acute Freshwater Invertebrates				Not required
850.1740	Whole Sediment: Acute Marine Invertebrates				Not required
N/A	Whole Sediment: Chronic Invertebrates Freshwater and Marine				Not required
850.3020	Honey Bee Acute Contact Toxicity	00026489		OLD	See endnote ²⁰
850.3030	Honeybee Toxicity of Residues on Foliage				Not required
850.3040	Field Testing for Pollinators				Not required
870.6100	Delayed Neurotoxicity (Acute) – Hen				Not required
870.6200	Acute Neurotoxicity – Rat	44320610		OLD	
870.3100	90-Day Oral: Rodent	00036803 40559401		OLD OLD	See endnote ²¹

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3150	90-Day Oral: Non-Rodent	00162912 41728701 00153374		OLD OLD OLD	
870.3200	21/28-Day Dermal Toxicity	00098460		OLD	See endnote ²²
870.3250	90-Day Dermal Toxicity				Not required
870.3465	90-Day Inhalation Toxicity				Not required
870.6100	28-Day Delayed Neurotoxicity Hen				Not required
870.6200	90-Day Neurotoxicity	44320612		OLD	
870.4100	Chronic Oral Rodent	00098460 00093879 41643801 41728701		OLD OLD OLD OLD	See endnote ²³

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.4200	Carcinogenicity	00098460 00093879 00130406 00150564 41643801 41728701		OLD OLD OLD OLD OLD OLD	See endnote ²⁴
870.3700	Reproduction/Developmental Toxicity Screening Test	00046362 00046363		OLD OLD	See endnote ²⁵
870.3800	2-Generation Reproduction: Rat	00081674 00105995 41621501		OLD OLD OLD	See endnote ²⁶
870.6300	Developmental Neurotoxicity Study				Not required
870.5100	Bacterial Reverse Mutation Test	00078620 00162683		OLD OLD	See endnote ²⁷

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.5300, 830.5375	<i>In vitro</i> Mammalian Cell Assay	00132683 00046364 00132681 00132685		OLD OLD OLD OLD	See endnote ²⁸
870.5385, 870.5395, 870.5450, 870.5550	<i>In vivo</i> Cytogenetics and Other Effects	00251737 00078619 00132686 00132685		OLD OLD OLD OLD	See endnote ²⁹
870.7485	Metabolism and Pharmacokinetics	40767101 40767102		OLD OLD	See endnote ³⁰
870.7200	Companion Animal Safety				Not required
870.7600	Dermal Penetration				Not required
870.7800	Immunotoxicity	48934207	Joint Glyphosate Task Force	PAY	
875.1100	Dermal Exposure – Outdoor		Agricultural Handlers Exposure Task Force	PER	See endnote ³¹

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.1200	Dermal Exposure – Indoor				Not required
875.1300	Inhalation Exposure – Outdoor		Agricultural Handlers Exposure Task Force	PER	See endnote ³¹
875.1400	Inhalation Exposure - Indoor				Not required
875.1500	Biological Monitoring		Agricultural Handlers Exposure Task Force	PER	See endnote ³¹
875.1600	Data Reporting and Calculations				Not required
875.1700	Product Use Information				Not required
875.2100	Dislodgeable Foliar Residue and Turf Transferable Residues		Agricultural Re-Entry TF Outdoor Residential Exposure TF	PER PER	See endnote ³²
875.2200	Soil Residue Dissipation		Agricultural Re-Entry TF Outdoor Residential Exposure TF	PER PER	See endnote ³²
875.2300	Indoor Surface Residue Dissipation				Not required


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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2400	Dermal Exposure		Agricultural Re-Entry TF Outdoor Residential Exposure TF	PER PER	See endnote ³²
875.2500	Inhalation Exposure		Agricultural Re-Entry TF Outdoor Residential Exposure TF	PER PER	See endnote ³²
875.2600	Biological Monitoring		Agricultural Re-Entry TF Outdoor Residential Exposure TF	PER PER	See endnote ³²
875.2700	Product Use Information		Agricultural Re-Entry TF Outdoor Residential Exposure TF	PER PER	See endnote ³²
875.2800	Descriptions of Human Activity		Agricultural Re-Entry TF Outdoor Residential Exposure TF	PER PER	See endnote ³²
875.2900	Data Reporting and Calculations		Agricultural Re-Entry TF Outdoor Residential Exposure TF	PER PER	See endnote ³²
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.3000	Nondietary Ingestion Exposure		Agricultural Re-Entry TF Outdoor Residential Exposure TF	PER PER	See endnote ³²
201-1	Droplet Size Spectrum		SDTF	PER	See endnote ³³
202-1	Droplet Size Spectrum		SDTF	PER	See endnote ³³
890.1100	Amphibian Metamorphosis (Frog)	48671309	Joint Glyphosate Task Force	PAY	See endnote ³⁴
890.1150	Androgen Receptor Binding (Rat Prostate)	48671301	Joint Glyphosate Task Force	PAY	See endnote ³⁵
890.1200	Aromatase (Human Recombinant)	48671303	Joint Glyphosate Task Force	PAY	See endnote ³⁶
890.1250	Estrogen Receptor Binding	48671305	Joint Glyphosate Task Force	PAY	See endnote ³⁷
890.1300	Estrogen Receptor Transcriptional Activation Assay	48671307	Joint Glyphosate Task Force	PAY	See endnote ³⁸
890.1350	Fish Short-Term Reproduction	48671311	Joint Glyphosate Task Force	PAY	See endnote ³⁹
890.1400	Hershberger (Rat)	48617001	Joint Glyphosate Task Force	PAY	See endnote ⁴⁰
890.1450	Female Pubertal (Rat)	48671315	Joint Glyphosate Task Force	PAY	See endnote ⁴¹

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
890.1500	Male Pubertal (Rat)	48671313	Joint Glyphosate Task Force	PAY	See endnote ⁴²
890.1550	Steroidogenesis	48617005	Joint Glyphosate Task Force	PAY	See endnote ⁴³
890.1600	Uterotrophic (Rat)	48617003	Joint Glyphosate Task Force	PAY	See endnote ⁴⁴
850.4100	Tier 1: Seedling Emergence	40159301		OLD	See endnote ⁴⁵
850.4150	Tier 1: Vegetative Vigor	43088701 44125715 44320636		OLD OLD OLD	See endnote ⁴⁶
850.4400, 850.5400	Tier 1: Aquatic Plant Growth	40236901 40236902 40236903 40236904 40236905		OLD OLD OLD OLD OLD	See endnote ⁴⁷
850.4100	Tier 2: Seedling Emergence	40159301		OLD	See endnote ⁴⁵

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.4150	Tier 2: Vegetative Vigor	43088701 44125715 44320636		OLD OLD OLD	See endnote ⁴⁶
850.4400, 850.5400	Tier 2: Aquatic Plant Growth	40236901 40236902 40236903 40236904 40236905		OLD OLD OLD OLD OLD	See endnote ⁴⁷
850.4300	Terrestrial Field				Not required
850.4450	Aquatic Field				Not required
850.4025	Target Area Phytotoxicity				Not required
835.2120	Hydrolysis	00108192 44320642		OLD OLD	See endnote ⁴⁸
835.2240	Photodegradation in Water	41689101 44320643		OLD OLD	See endnote ⁴⁹

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.2410	Photodegradation in Soil	41335101 44320645		OLD OLD	See endnote ⁵⁰
835.2370	Photodegradation in Air				Not required
835.4100	Aerobic Soil Metabolism	42372501 44320645		OLD OLD	See endnote ⁵¹
835.4200	Anaerobic Soil Metabolism	41723701 42372502		OLD OLD	See endnote ⁵²
835.4300	Aerobic Aquatic Metabolism	41723601 42372503		OLD OLD	See endnote ⁵³
835.4400	Anaerobic Aquatic Metabolism	41723701 42372502		OLD OLD	See endnote ⁵⁴
835.1230	Leaching/Adsorption/Desorption	00108192 44320646		OLD OLD	See endnote ⁵⁵
835.1410	Volatility – Laboratory				Not required
835.8100	Volatility – Field				Not required

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.6100	Soil Field Dissipation Study	42607501 42765001		OLD OLD	See endnote ⁵⁶
835.6200	Aquatic Sediment Field Dissipation Study	40881601 41552801 42383201		OLD OLD OLD	See endnote ⁵⁷
835.6300	Forest Field Dissipation Study	41552801		OLD	See endnote ⁵⁸
835.6400	Combination and Tank Mixes				Not required
835.7100	Ground Water Monitoring				Not required
860.1300	Nature of the Residue: Plants, excluding Roundup Ready	00038771 00039141 00051983 00065753 00108097 00108129 00108133		OLD OLD OLD OLD OLD OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00108140 00108151 00111945		OLD OLD OLD	
860.1300	Nature of the Residue: Plants, Roundup Ready	43330601 43712701 44541201 44279301		OLD OLD OLD OLD	
860.1300	Nature of the Residue: Livestock	00094971 00108098 00108099 00108100 00108101 00108116 00108199 00108200 40541304		OLD OLD OLD OLD OLD OLD OLD OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		40541302		OLD	
		40541303		OLD	
860.1850	Confined Rotational Crops	42372504		OLD	See endnote ⁵⁹
		41543201		OLD	
		41543202		OLD	
860.1340	Residue Analytical Methods	00028853		OLD	See endnote ⁶⁰
		00036222		OLD	
		00036223		OLD	
		00036231		OLD	
		00037688		OLD	
		00038770		OLD	
		00038979		OLD	
		00044423		OLD	
		00051982		OLD	
		00053002		OLD	
		00053005		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00059051		OLD	
		00060108		OLD	
		00061559		OLD	
		00063714		OLD	
		00065751		OLD	
		00065752		OLD	
		00067425		OLD	
		00076805		OLD	
		00078823		OLD	
		00078824		OLD	
		00108133		OLD	
		00108144		OLD	
		00108149		OLD	
		00108151		OLD	
		00108175		OLD	
		00108176		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00108186 00108231 00111945 00111949 00122715 00159419 00164729 40502601 40541304		OLD OLD OLD OLD OLD OLD OLD OLD OLD	
860.1360	Multiresidue Method				Not required
860.1380	Storage Stability	00039142 00040083 00051980 00053002 00061553 00061555 00108129		OLD OLD OLD OLD OLD OLD OLD	See endnote ⁶¹

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00108132 40502605 40532004 41940701		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Root and Tuber Vegetables	00039381 00108151 00108159 40835201 41947001 43315703 43906101 48720101 48720102	Monsanto Company Monsanto Company	OLD OLD OLD OLD OLD OLD OLD PAY PAY	
860.1500	Magnitude of the Residue in Plants: Bulb Vegetables	40783101		OLD	
860.1500	Magnitude of the Residue in Plants: Leafy Vegetables	00108159		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: Brassica Vegetables	00108159 40802801		OLD OLD	
860.1500	Magnitude of the Residue in Plants: Legume Vegetables	00015759 00015760 00015761 00015762 00015763 00015764 00015765 00015766 00015767 00024503 00033954 00038908 00040084 00061555 00108153 00108159		OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00108203 00156793 44407501 45647501	Monsanto Company	OLD OLD OLD PAY	
860.1500	Magnitude of the Residue in Plants: Fruiting Vegetables	00130573		OLD	
860.1500	Magnitude of the Residue in Plants: Cucurbit Vegetables	00125389		OLD	
860.1500	Magnitude of the Residue in Plants: Citrus Fruits	00039142 40159401		OLD OLD	
860.1500	Magnitude of the Residue in Plants: Pome Fruits	00108129		OLD	
860.1500	Magnitude of the Residue in Plants: Stone Fruits	00111949 43315701		OLD OLD	
860.1500	Magnitude of the Residue in Plants: Cereal Grains	00023336 00023512 00037687 00038908		OLD OLD OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00040085		OLD	
		00040086		OLD	
		00040087		OLD	
		00044422		OLD	
		00044426		OLD	
		00048284		OLD	
		00108203		OLD	
		00109271		OLD	
		00122715		OLD	
		00150835		OLD	
		40502601		OLD	
		40502602		OLD	
		40502603		OLD	
		40502604		OLD	
		41478101		OLD	
		41484301		OLD	
		43342001		OLD	
		43342002		OLD	
		43655701		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		43655702 44646601 45066901		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Berries, Group 13	00038770 00108132 40785303 43315702		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Tree Nuts	00111945 42155301 42155302		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Grass Forage, Fodder and Hay	00076805 00108147 45089401		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Nongrass Animal Feeds	00076805 00108147 40541304 43077001		OLD OLD OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: Herbs and Spices	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: Oilseed	43807203 44528801 44528802 44528803		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: acerola	00108175 42398401		OLD OLD	
860.1500	Magnitude of the Residue in Plants: aloe vera	40642401		OLD	
860.1500	Magnitude of the Residue in Plants: ambarella	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: artichoke (globe)	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: asparagus	00108145 40642401		OLD OLD	
860.1500	Magnitude of the Residue in Plants: atemoya	00108129		OLD	
860.1500	Magnitude of the Residue in Plants: avocado	00108149		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: bamboo shoots	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: banana	43549903 43549904 43549905		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: betel nut	40580401		OLD	
860.1500	Magnitude of the Residue in Plants: biriba	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: blimbe	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: breadfruit	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: buffalo gourd	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: cacao (cocoa) bean	00108149 43549903 43549904 43549905		OLD OLD OLD OLD	

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Applicant's/Registrant's Name & Address <div style="text-align: center;"> Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471 </div>	Product <div style="text-align: center;"> Willowood Glyphosate Tech </div>	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: cactus	00039142 40159401		OLD OLD	
860.1500	Magnitude of the Residue in Plants: canistel	00108149 43549903 43549904 43549905		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Canola	43807203 44528801 44528802 44528803		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: carambola (starfruit)	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: Chaya	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: cherimoya	43824301 43824302		OLD OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: coconut	00111945		OLD	
		42155301		OLD	
		42155302		OLD	
860.1500	Magnitude of the Residue in Plants: coffee	00059050		OLD	
		41049401		OLD	
		00108175		OLD	
		42398401		OLD	
860.1500	Magnitude of the Residue in Plants: corn	00023336		OLD	
		00023512		OLD	
		00037687		OLD	
		00038908		OLD	
		00040085		OLD	
		00040086		OLD	
		00040087		OLD	
		00044422		OLD	
		00044426		OLD	
		00048284		OLD	
		00108203		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00109271		OLD	
		00122715		OLD	
		00150835		OLD	
		40502601		OLD	
		40502602		OLD	
		40502603		OLD	
		40502604		OLD	
		41478101		OLD	
		41484301		OLD	
		43342001		OLD	
		43342002		OLD	
		43655701		OLD	
		43655702		OLD	
		44646601		OLD	
		45066901		OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: Cotton	00060103 00061553 00108176 00108153 00108203		OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: crambe	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: Cranberry	00053002 40779101		OLD OLD	
860.1500	Magnitude of the Residue in Plants: custard apple	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: dates	41049401		OLD	
860.1500	Magnitude of the Residue in Plants: dokudami	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: durian	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: epazote	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: feijoa	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: figs	00059050		OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: flax	43807203 44528801 44528802 44528803		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: galangal	00039381 00108151 00108159 40835201 41947001 43315703 43906101		OLD OLD OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Governor's plum	00108175 42398401		OLD OLD	
860.1500	Magnitude of the Residue in Plants: gow kee	00108159		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: Grapes	00038770 00108132 40785303 43315702		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: guava	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: Hops	00129546		OLD	
860.1500	Magnitude of the Residue in Plants: ilama	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: imbe	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: imbu	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: jaboticaba	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: jackfruit	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: jojoba	46408002	IR-4	PL	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: juneberry	00038770 00108132 40785303 43315702		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: kava	00039381 00108151 00108159 40835201 41947001 43315703 43906101		OLD OLD OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: kenaf	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: Kiwi	00129546		OLD	


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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: lesquerella	43807203 44528801 44528802 44528803		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: leucaena	00015759 00015760 00015761 00015762 00015763 00015764 00015765 00015766 00015767 00024503 00033954 00038908 00040084 00061555		OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	
Signature 			Name and Title Ann M. Tillman, Consultant		Date July 26, 2016


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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00108153 00108159 00108203 00156793 44407501		OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: lingonberry	00038770 00108132 40785303 43315702		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: longan	00108149 00108175 43549903 43549904 43549905		OLD OLD OLD OLD OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: lychee	00108149 00108175 43549903 43549904 43549905		OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: mamey apple	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: mango	00108149 43549903 43549904 43549905		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: mangosteen	00108149 43549903 43549904 43549905		OLD OLD OLD OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: marmaladebox (genip)	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: meadowfoam	43807203 44528801 44528802 44528803		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: mioga	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: mountain papaya	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: mustard	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: noni	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: okra	00130573		OLD	
860.1500	Magnitude of the Residue in Plants: olive	00108175 42398401		OLD OLD	
860.1500	Magnitude of the Residue in Plants: oregano (Mexican)	00108159		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: palm	41049401 40642401 40578001		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: papaya	00108149 43549903 43549904 43549905		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: passionfruit	43549903 43549904 43549905		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: pasture grasses	00076805 00108147 45089401		OLD OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: pawpaw	00108149 00108175 43549903 43549904 43549905		OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Peanuts	00144341 00028852		OLD OLD	
860.1500	Magnitude of the Residue in Plants: pepper leaf	00038770 00108132 40785303 43315702		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Mint (peppermint and spearmint)	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: perilla	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: persimmon	00059050		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: pine nut	00111945 42155301 42155302		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: pineapple	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: Pistachio	00111945 42155301 42155302		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: plantain	43549903 43549904 43549905		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: pomegranate	00108149 43549903 43549904 43549905		OLD OLD OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: pulasan	43824302 43824301 00108149		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: quinoa	00023336 00023512 00037687 00038908 00040085 00040086 00040087 00044422 00044426 00048284 00108203 00109271 00122715 00150835 40502601 40502602		OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	


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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		40502603 40502604 41478101 41484301 43342001 43342002 43655701 43655702 44646601 45066901		OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: rambutan	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: rape	43807203 44528801 44528802 44528803		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: rose apple	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: safflower	46408001	IR-4	PL	
Signature 			Name and Title Ann M. Tillman, Consultant		Date July 26, 2016


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Applicant's/Registrant's Name & Address Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471	Product Willowood Glyphosate Tech	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: salal	00038770 00108132 40785303 43315702		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: sapodilla	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: sapote	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: sesame	43807203 44528801 44528802 44528803		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: sorghum (milo)	00023336 00023512 00037687 00038908 00040085		OLD OLD OLD OLD OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00040086		OLD	
		00040087		OLD	
		00044422		OLD	
		00044426		OLD	
		00048284		OLD	
		00108203		OLD	
		00109271		OLD	
		00122715		OLD	
		00150835		OLD	
		40502601		OLD	
		40502602		OLD	
		40502603		OLD	
		40502604		OLD	
		41478101		OLD	
		41484301		OLD	
		43342001		OLD	
		43342002		OLD	
		43655701		OLD	
		43655702		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		44646601 45066901		OLD OLD	
860.1500	Magnitude of the Residue in Plants: soursop	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: soybean	00015759 00015760 00015761 00015762 00015763 00015764 00015765 00015766 00015767 00024503 00033954 00038908 00040084 00061555		OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	


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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00108153 00108159 00108203 00156793 44407501		OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Spanish lime	00039142 40159401		OLD OLD	
860.1500	Magnitude of the Residue in Plants: star apple	00108149 00108175 43549903 43549904 43549905		OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: stevia	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: Strawberry	00038770 00108132 40785303 43315702		OLD OLD OLD OLD	
Signature 			Name and Title Ann M. Tillman, Consultant		Date July 26, 2016

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: sugar apple	43824301 43824302		OLD OLD	
860.1500	Magnitude of the Residue in Plants: sugar beet	00039381 00108151 00108159 40835201 41947001 43315703 43906101		OLD OLD OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Sugarcane	00108168		OLD	
860.1500	Magnitude of the Residue in Plants: sunflower	46408002	IR-4	PL	
860.1500	Magnitude of the Residue in Plants: Surinam cherry	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: tamarind	00059050		OLD	
860.1500	Magnitude of the Residue in Plants: tea	00078823 00078824		OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: teff	00023336		OLD	
		00023512		OLD	
		00037687		OLD	
		00038908		OLD	
		00040085		OLD	
		00040086		OLD	
		00040087		OLD	
		00044422		OLD	
		00044426		OLD	
		00048284		OLD	
		00108203		OLD	
		00109271		OLD	
		00122715		OLD	
		00150835		OLD	
		40502601		OLD	
		40502602		OLD	
		40502603		OLD	
		40502604		OLD	
		41478101		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		41484301 43342001 43342002 43655701 43655702 44646601 45066901		OLD OLD OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: ti	00039381 00108151 00108159 40835201 41947001 43315703 43906101		OLD OLD OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: ugli fruit	00039142 40159401		OLD OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: wasabi	00039381		OLD	
		00108151		OLD	
		00108159		OLD	
		40835201		OLD	
		41947001		OLD	
		43315703		OLD	
		43906101		OLD	
860.1500	Magnitude of the Residue in Plants: water spinach	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: watercress	00108159		OLD	
860.1500	Magnitude of the Residue in Plants: waxjambu	00108175		OLD	
		42398401		OLD	
860.1500	Magnitude of the Residue in Plants: yacon	00039381		OLD	
		00108151		OLD	
		00108159		OLD	
		40835201		OLD	
		41947001		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		43315703 43906101		OLD OLD	
860.1500	Magnitude of the Residue in Plants: Roundup Ready Sugar beets	44331601 44331602 44331603		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Roundup Ready Soybeans	43260401 43260402 43260403		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Roundup Ready Corn	43712702 44531301 45077401		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Roundup Ready Sweet Corn	47859201 47859202	Monsanto Company Monsanto Company	PAY PAY	


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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: Roundup Ready Canola	43807203 44528801 44528802 44528803		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Roundup Ready Cotton	43571801 45899101	Monsanto Company	OLD PAY	
860.1500	Magnitude of the Residue in Plants: Roundup Ready Alfalfa	45646001		OLD	
860.1500	Magnitude of the Residue in Plants: Tropical Fruits	00108175 41049401 00051980 00051981 00059050 40580401 00063713 43824301 43824302		OLD OLD OLD OLD OLD OLD OLD OLD OLD	
Signature 			Name and Title Ann M. Tillman, Consultant		Date July 26, 2016

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residue in Processed Food or Feed: Root and Tuber Vegetables	00039381 00108151 00108159 40835201 41947001 43315703 43906101 48720101 48720102	Monsanto Company Monsanto Company	OLD OLD OLD OLD OLD OLD OLD PAY PAY	
860.1520	Magnitude of the Residue in Processed Food or Feed: Legume Vegetables	00015759 00015760 00015761 00015762 00015763 00015764		OLD OLD OLD OLD OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00015765		OLD	
		00015766		OLD	
		00015767		OLD	
		00024503		OLD	
		00033954		OLD	
		00038908		OLD	
		00040084		OLD	
		00061555		OLD	
		00108153		OLD	
		00108159		OLD	
		00108203		OLD	
		00156793		OLD	
		44407501		OLD	
		45647501	Monsanto Company	PAY	
860.1520	Magnitude of the Residue in Processed Food or Feed: Fruiting Vegetables	00130573		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residue in Processed Food or Feed: Citrus Fruits	00039142 40159401		OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Pome Fruits	00108129		OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Stone Fruits	00111949 43315701		OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Cereal Grains	00023336 00023512 00037687 00038908 00040085 00040086 00040087 00044422 00044426 00048284 00108203		OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00109271		OLD	
		00122715		OLD	
		00150835		OLD	
		40502601		OLD	
		40502602		OLD	
		40502603		OLD	
		40502604		OLD	
		41478101		OLD	
		41484301		OLD	
		43342001		OLD	
		43342002		OLD	
		43655701		OLD	
		43655702		OLD	
		44646601		OLD	
		45066901		OLD	


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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residue in Processed Food or Feed: Canola	43807203 44528801 44528802 44528803		OLD OLD OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Cotton	00060103 00061553 00108176 00108153 00108203		OLD OLD OLD OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Grapes	00038770 00108132 40785303 43315702		OLD OLD OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Peanuts	00144341 00028852		OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Mint	00108159		OLD	
Signature 			Name and Title Ann M. Tillman, Consultant		Date July 26, 2016

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residue in Processed Food or Feed: Sugarcane	00108168		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Roundup Ready Sugar Beets	44331601 44331602 44331603		OLD OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Roundup Ready Soybeans	43260401 43260402 43260403		OLD OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Roundup Ready Corn	43712702 44531301 45077401		OLD OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Roundup Ready Canola	43807203 44528801 44528802 44528803		OLD OLD OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Roundup Ready Cotton	43571801 45899101	Monsanto Company	OLD PAY	
Signature 			Name and Title Ann M. Tillman, Consultant		Date July 26, 2016

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Applicant's/Registrant's Name & Address <div style="text-align: center;">Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471</div>	Product <div style="text-align: center;">Willowood Glyphosate Tech</div>	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residue in Processed Food or Feed: olive	00108175 42398401		OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: safflower	46408001	IR-4	PL	
860.1520	Magnitude of the Residue in Processed Food or Feed: sunflower	46408002	IR-4	PL	
860.1480	Magnitude of the Residue in Meat, Milk, Poultry, and Eggs	00108115 40532001 40532002 40532003		OLD OLD OLD OLD	See endnote ⁶²
860.1400	Nature and Magnitude of the Residue in Potable Water	00039377 00039381 00077227 00077228 00077229 00077230 00077231		OLD OLD OLD OLD OLD OLD OLD	See endnote ⁶³

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Applicant's/Registrant's Name & Address Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471	Product Willowood Glyphosate Tech	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00077232 00077233 00077234 00077235 00077236 00077237 00077238 00077301 00108173		OLD OLD OLD OLD OLD OLD OLD OLD OLD	
860.1400	Magnitude of the Residue in Fish	00036229 00076491 00154311 00155120		OLD OLD OLD OLD	See endnote ⁶⁴
860.1400	Magnitude of the Residue in Plants Resulting from the Use of Irrigation Water				Not required
860.1460	Magnitude of the Residue in Food Handling Establishments				Not required

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Applicant's/Registrant's Name & Address Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471	Product Willowood Glyphosate Tech	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1900	Field Rotational Crops				Not required

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Endnotes for Data Matrix for Willowood Glyphosate Tech

- ¹ **830.1650** - These data are not required for the registration of a technical grade active ingredient product. See 830.1620 for production process information.
- ² **830.6313** - Willowood Glyphosate, LLC will not package Willowood Glyphosate Tech in metal containers, and Glyphosate Tech is not expected to come into contact with metals or metal ions during its storage or use. Therefore, a waiver from the requirement of these data is requested. Willowood Glyphosate Tech was found to be stable at normal and elevated temperatures (see MRID 49774403 of this submission).
- ³ **830.6315** – Willowood Glyphosate, LLC requests a waiver from the requirement of this data requirement since Willowood Glyphosate Tech is a solid and does not contain flammable materials. Please refer to the Confidential Statement of Formula for Willowood Glyphosate Tech.
- ⁴ **830.6316** - Willowood Glyphosate, LLC requests a waiver from this data requirement because glyphosate does not have the chemical bonds or functional groups associated with explosive chemicals.
- ⁵ **830.6319, 830.6321, 830.7100, 830.7520** – Willowood Glyphosate Tech is a solid and not an emulsifiable concentrate and is not to be diluted with petroleum solvents. Therefore, miscibility data are not required for this technical. Willowood Glyphosate Tech is not an end use product to be used around electrical equipment, therefore data for dielectric breakdown constant are not required. Willowood Glyphosate Tech is a solid and not a liquid, therefore, viscosity data are not required for this product. Willowood Glyphosate, LLC is seeking a waiver for particle size, fiber length and diameter distribution because Willowood Glyphosate Tech is not water insoluble nor is it a fibrous material.
- ⁶ **830.7220** – This data requirement is not applicable to Willowood Glyphosate Tech because it is a solid.
- ⁷ **850.2100** – MRID number 00108204 is listed in the June 5, 2009 Registration Review – Preliminary Problem Formulation for the Ecological Risk and Drinking Water Exposure Assessments for Glyphosate and its Salts (DP Barcode 365851) (Problem Formulation). MRID 48934206 was submitted to satisfy passerine data requirements and is also cited.
- ⁸ **850.2200** – MRID number 44320628, a bobwhite quail study, was listed in the Problem Formulation. MRID numbers 00076492 and 00108107, a quail and mallard study respectively, are listed in the RED as satisfying this data requirement.
- ⁹ **850.2400** – MRID number 00076492 was listed in the RED as satisfying this data requirement. The Problem Formulation also listed MRID numbers 41621501 and 43728003; these studies are also cited.
- ¹⁰ **850.2300** – The studies cited were listed in the RED as satisfying this data requirement; one of these studies was also listed in the Problem Formulation.
- ¹¹ **850.1075** – All studies listed in the RED and Problem Formulation related to glyphosate acid or the IPA salt of glyphosate were cited.
- ¹² **850.1010** – All studies listed in the RED and Problem Formulation related to glyphosate acid or the IPA salt of glyphosate were cited.
- ¹³ **850.1025, 850.1035, 850.1045, 850.1055, 850.1075** – All studies listed in the RED and Problem Formulation related to glyphosate acid or the IPA salt of glyphosate were cited. In addition, data submitted in response to the Registration Review DCI were also cited.
- ¹⁴ **850.1300** – The study cited is listed in the Problem Formulation and RED as satisfying this data requirement.
- ¹⁵ **850.1350** – The study cited is listed in the Problem Formulation as satisfying this data requirement.
- ¹⁶ **850.1400** – The study cited is listed in the Problem Formulation as satisfying this data requirement.
- ¹⁷ **850.1400** – These data were not required in the RED or Registration Review
- ¹⁸ **850.1500** – The study cited as listed in the RED and Problem Formulation as satisfying this data requirement.

Endnotes for Data Matrix for Willowood Glyphosate Tech

- ¹⁹ **850.1710, 850.1730, 850.1850** – The study cited is listed in the RED as satisfying this data requirement.
- ²⁰ **850.3020** – The study cited is listed in the Problem Formulation and RED as satisfying this data requirement.
- ²¹ **870.3100** – The studies cited are listed in the Nov. 14, 2012 EPA Memorandum Human Health Risk Assessment (EPA Tox Memo) as acceptable and satisfying the data requirement.
- ²² **870.3200** – The study cited is listed in the EPA Tox Memo as acceptable and satisfying the data requirement.
- ²³ **870.4100** – The studies cited are listed in the RED and/or the EPA Tox Memo as acceptable and satisfying the data requirement.
- ²⁴ **870.4200** – The studies cited are listed in the RED and/or the EPA Tox Memo as acceptable and satisfying the data requirement.
- ²⁵ **870.3700** – The studies cited are listed in the EPA Tox Memo as acceptable and satisfying the data requirement.
- ²⁶ **870.3800** – The studies cited are listed in the EPA Tox Memo as acceptable and satisfying the data requirement.
- ²⁷ **870.5100** – The studies cited are listed in the EPA Tox Memo as acceptable and satisfying the data requirement.
- ²⁸ **870.5300, 830.5375** – The studies cited are listed in the EPA Tox Memo as acceptable and satisfying the data requirement.
- ²⁹ **870.5385, 830.5395, 870.5450, 870.5500** – The studies cited are listed in the EPA Tox Memo as acceptable and satisfying the data requirement.
- ³⁰ **870.7485** – The studies cited are listed in the EPA Tox Memo as acceptable and satisfying the data requirement.
- ³¹ **875.1100, 875.1300, 875.1500** – Willowood Glyphosate, LLC is a licensee in good standing with the Agricultural Handlers Exposure Task Force (AHETF).
- ³² **875.2100, 875.2200, 875.2400, 875.2500, 875.2600, 875.2700, 875.2800, 875.2900, 875.3000** – Willowood Glyphosate, LLC is a licensee in good standing with the Agricultural Re-Entry Task Force (ARTF) and Outdoor Residential Exposure Task Force (ORETF).
- ³³ **201-1, 202-1** – Willowood Glyphosate, LLC is a licensee in good standing with the Spray Drift Task Force (SDTF).
- ³⁴ **890.1100** – The study cited is classified as acceptable and satisfies the data requirement as per the June 29, 2015 Data Evaluation Record (EDSP DER).
- ³⁵ **890.1150** – The study cited is classified as acceptable and satisfies the data requirement as per the EDSP DER.
- ³⁶ **890.1200** – The study cited is classified as acceptable and satisfies the data requirement as per the EDSP DER.
- ³⁷ **890.1250** – The study cited is classified as acceptable and satisfies the data requirement as per the EDSP DER.
- ³⁸ **890.1300** – The study cited is classified as acceptable and satisfies the data requirement as per the EDSP DER.
- ³⁹ **890.1350** – The study cited is classified as acceptable and satisfies the data requirement as per the EDSP DER.

Endnotes for Data Matrix for Willowood Glyphosate Tech

- ⁴⁰ **890.1400** – The study cited is classified as acceptable and satisfies the data requirement as per the EDSP DER.
- ⁴¹ **890.1450** – The study cited is classified as acceptable and satisfies the data requirement as per the EDSP DER.
- ⁴² **890.1500** – The study cited is classified as acceptable and satisfies the data requirement as per the EDSP DER.
- ⁴³ **890.1550** – The study cited is classified as acceptable and satisfies the data requirement as per the EDSP DER.
- ⁴⁴ **890.1600** – The study cited is classified as acceptable and satisfies the data requirement as per the EDSP DER.
- ⁴⁵ **850.4100** – The study cited is listed in the Problem Formulation and RED as satisfying this data requirement.
- ⁴⁶ **850.4150** – The studies cited are listed in the Problem Formulation as satisfying this data requirement. Data submitted in response to the RED are also cited.
- ⁴⁷ **850.4400, 850.5400** – The studies cited are listed in the RED as satisfying this data requirement.
- ⁴⁸ **835.2120** – The studies cited are listed in the Problem Formulation as satisfying this data requirement.
- ⁴⁹ **835.2240** – The studies cited are listed in the Problem Formulation as satisfying this data requirement.
- ⁵⁰ **835.2410** – The studies cited are listed in the Problem Formulation or RED as satisfying this data requirement.
- ⁵¹ **835.4100** – The studies cited are listed in the Problem Formulation as satisfying this data requirement.
- ⁵² **835.4200** – The studies cited are listed in the Problem Formulation as satisfying this data requirement (see anaerobic aquatic metabolism).
- ⁵³ **835.4300** – The studies cited are listed in the Problem Formulation as satisfying this data requirement.
- ⁵⁴ **835.4400** – The studies cited are listed in the Problem Formulation as satisfying this data requirement.
- ⁵⁵ **835.1230** – The studies cited are listed in the Problem Formulation or RED as satisfying this data requirement.
- ⁵⁶ **835.6100** – The studies cited are listed in the Problem Formulation as satisfying this data requirement.
- ⁵⁷ **835.6200** – The studies cited are listed in the Problem Formulation or RED as satisfying this data requirement.
- ⁵⁸ **835.6300** – The study cited is listed in the Problem Formulation as satisfying this data requirement.
- ⁵⁹ **860.1850** – The studies cited are listed in the RED as satisfying this data requirement.
- ⁶⁰ **860.1340** – The studies cited are listed in the RED as satisfying this data requirement.
- ⁶¹ **860.1380** – The studies cited are listed in the RED as satisfying this data requirement.
- ⁶² **860.1480** – The studies cited are listed in the RED as satisfying this data requirement.
- ⁶³ **860.1400** – The studies cited are listed in the RED as satisfying this data requirement.
- ⁶⁴ **860.1400** – The studies cited are listed in the RED as satisfying this data requirement.

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Applicant's/Registrant's Name & Address Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471	Product Willowood Glyphosate Tech	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	
					Not Required ¹
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	Data
			Willowood Glyphosate, LLC	OWN	Waiver ²

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	Waiver ³
			Willowood Glyphosate, LLC	OWN	Waiver ⁴
			Willowood Glyphosate, LLC	OWN	
					Not Required ⁵
			Willowood Glyphosate, LLC	OWN	
					Not Required ⁵
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	OWN	Not Required ⁵
			Willowood Glyphosate, LLC	OWN	
					Not Required ⁶
			Willowood Glyphosate, LLC	OWN	
			Willowood Glyphosate, LLC	PL	
			Willowood Glyphosate, LLC	OWN	Waiver ⁵

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Willowood Glyphosate, LLC	PL	
					See 830.7550
					See 830.7550
			Willowood Glyphosate, LLC	PL	
					See 830.7840
			Willowood Glyphosate, LLC	PL	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Joint Glyphosate Task Force	OLD PAY	See endnote ⁷
				OLD OLD OLD	See endnote ⁸
				OLD OLD OLD	See endnote ⁹
				OLD OLD OLD	See endnote ¹⁰
					Not required

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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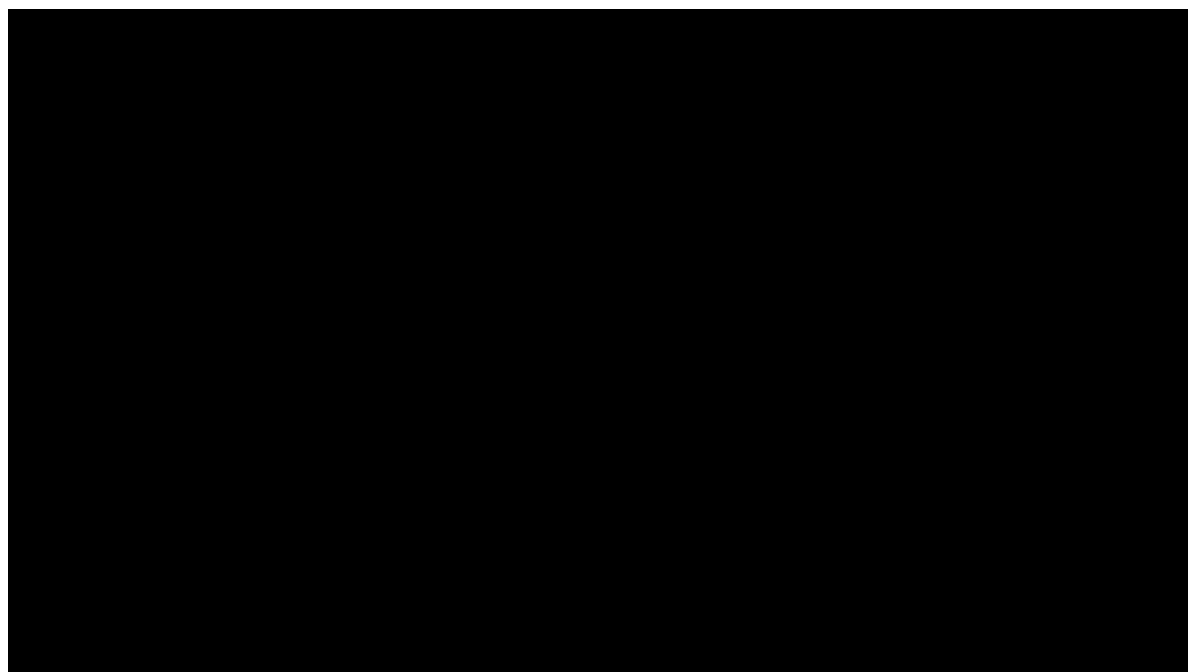
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Ingredient Glyphosate (CAS No. 1071-83-6)		

		OLD	See endnote ¹¹
		PL	
		OLD	
		OLD	
		OLD	
		OLD	
		OLD	
		OLD	
		OLD	
		OLD	
		OLD	
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		OLD	

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				PL	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ¹²
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				PL	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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Applicant's/Registrant's Name & Address <div style="text-align: right; padding-right: 20px;"> Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471 </div>	Product <div style="text-align: center; padding-top: 10px;"> Willowood Glyphosate Tech </div>	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ¹³
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
			Joint Glyphosate Task Force	PAY	See endnote ¹⁴
			Joint Glyphosate Task Force	PAY	
			Joint Glyphosate Task Force	PAY	
			Joint Glyphosate Task Force	PAY	
			Joint Glyphosate Task Force	PAY	
			Joint Glyphosate Task Force	PAY	
				OLD	See endnote ¹⁵
				OLD	See endnote ¹⁶
					Not required ¹⁷
				OLD	See endnote ¹⁸

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Applicant's/Registrant's Name & Address Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471	Product Willowood Glyphosate Tech	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ¹⁹
					Not required
					Not required
					Not required
					Not required
				OLD	See endnote ²⁰
					Not required
					Not required
					Not required
				OLD	
				OLD OLD	See endnote ²¹

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Applicant's/Registrant's Name & Address <div style="text-align: center;"> Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471 </div>	Product <div style="text-align: center;"> Willowood Glyphosate Tech </div>	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	See endnote ²²
					Not required
					Not required
					Not required
				OLD	
				OLD	See endnote ²³
				OLD	
				OLD	
				OLD	

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Applicant's/Registrant's Name & Address <div style="text-align: center;">Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471</div>	Product <div style="text-align: center;">Willowood Glyphosate Tech</div>	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ²⁴
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	See endnote ²⁵
				OLD	
				OLD	See endnote ²⁶
				OLD	
					Not required
				OLD	See endnote ²⁷
				OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ²⁸
				OLD	
				OLD	
				OLD	
				OLD	See endnote ²⁹
				OLD	
				OLD	
				OLD	
				OLD	See endnote ³⁰
				OLD	
					Not required
					Not required
			Joint Glyphosate Task Force	PAY	
			Agricultural Handlers Exposure Task Force	PER	See endnote ³¹

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					Not required
			Agricultural Handlers Exposure Task Force	PER	See endnote ³¹
					Not required
			Agricultural Handlers Exposure Task Force	PER	See endnote ³¹
					Not required
					Not required
			Agricultural Re-Entry TF Outdoor Residential Exposure TF	PER PER	See endnote ³²
			Agricultural Re-Entry TF Outdoor Residential Exposure TF	PER PER	See endnote ³²
					Not required


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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Re-Entry TF	PER	See endnote ³²
			Outdoor Residential Exposure TF	PER	
			Agricultural Re-Entry TF	PER	See endnote ³²
			Outdoor Residential Exposure TF	PER	
			Agricultural Re-Entry TF	PER	See endnote ³²
			Outdoor Residential Exposure TF	PER	
			Agricultural Re-Entry TF	PER	See endnote ³²
			Outdoor Residential Exposure TF	PER	
			Agricultural Re-Entry TF	PER	See endnote ³²
			Outdoor Residential Exposure TF	PER	
			Agricultural Re-Entry TF	PER	See endnote ³²
			Outdoor Residential Exposure TF	PER	
Signature 			Name and Title Ann M. Tillman, Consultant		Date July 26, 2016

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Re-Entry TF	PER	See endnote ³²
			Outdoor Residential Exposure TF	PER	
			SDTF	PER	See endnote ³³
			SDTF	PER	See endnote ³³
			Joint Glyphosate Task Force	PAY	See endnote ³⁴
			Joint Glyphosate Task Force	PAY	See endnote ³⁵
			Joint Glyphosate Task Force	PAY	See endnote ³⁶
			Joint Glyphosate Task Force	PAY	See endnote ³⁷
			Joint Glyphosate Task Force	PAY	See endnote ³⁸
			Joint Glyphosate Task Force	PAY	See endnote ³⁹
			Joint Glyphosate Task Force	PAY	See endnote ⁴⁰
			Joint Glyphosate Task Force	PAY	See endnote ⁴¹

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Joint Glyphosate Task Force	PAY	See endnote ⁴²
			Joint Glyphosate Task Force	PAY	See endnote ⁴³
			Joint Glyphosate Task Force	PAY	See endnote ⁴⁴
				OLD	See endnote ⁴⁵
				OLD	See endnote ⁴⁶
				OLD	
				OLD	
				OLD	See endnote ⁴⁷
				OLD	
				OLD	
				OLD	See endnote ⁴⁵

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ⁴⁶
				OLD	
				OLD	
				OLD	See endnote ⁴⁷
				OLD	
				OLD	
				OLD	
				OLD	
					Not required
					Not required
					Not required
				OLD	See endnote ⁴⁸
				OLD	See endnote ⁴⁹

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD OLD	See endnote ⁵⁰
					Not required
				OLD OLD	See endnote ⁵¹
				OLD OLD	See endnote ⁵²
				OLD OLD	See endnote ⁵³
				OLD OLD	See endnote ⁵⁴
				OLD OLD	See endnote ⁵⁵
					Not required
					Not required
					Not required

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ⁵⁶
				OLD	
				OLD	See endnote ⁵⁷
				OLD	
				OLD	
				OLD	See endnote ⁵⁸
					Not required
					Not required
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	See endnote ⁵⁹
				OLD	
				OLD	
				OLD	See endnote ⁶⁰
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
					Not required
				OLD	See endnote ⁶¹
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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Applicant's/Registrant's Name & Address <div style="text-align: center;">Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471</div>	Product <div style="text-align: center;">Willowood Glyphosate Tech</div>	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
			Monsanto Company	OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
			Monsanto Company	PAY	
			Monsanto Company	PAY	
				OLD	
				OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Monsanto Company	OLD OLD OLD PAY	
				OLD	
				OLD	
				OLD OLD	
				OLD	
				OLD OLD	
				OLD OLD OLD OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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Applicant's/Registrant's Name & Address Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471	Product Willowood Glyphosate Tech	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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Applicant's/Registrant's Name & Address Willowood Glyphosate, LLC 1600 Garden Valley Blvd., Suite 120 Roseburg, OR 97471	Product Willowood Glyphosate Tech	
Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
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				OLD	

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
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				OLD	
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				OLD	
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				OLD	
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				OLD	
				OLD	

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				OLD	
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
			IR-4	PL	
				OLD	
				OLD	
				OLD	
				OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
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				OLD	
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				OLD	
				OLD	
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				OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
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				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
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				OLD	

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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD OLD	
				OLD OLD OLD	
				OLD OLD OLD	
				OLD OLD OLD	
				OLD OLD OLD	
			Monsanto Company Monsanto Company	PAY PAY	


Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
			Monsanto Company	OLD	
				PAY	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
Signature 	Name and Title Ann M. Tillman, Consultant			Date July 26, 2016	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
			Monsanto Company	PAY	
			Monsanto Company	PAY	
				OLD	
				OLD	
				OLD	
				OLD	

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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				OLD	
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			Monsanto Company	PAY	
				OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
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Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note			
				OLD				
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD OLD OLD	
				OLD OLD OLD	
				OLD OLD OLD	
				OLD OLD OLD	
				OLD OLD OLD	
				OLD OLD OLD	
			Monsanto Company	OLD PAY	
			Signature 		
			Name and Title Ann M. Tillman, Consultant		Date July 26, 2016


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Ingredient Glyphosate (CAS No. 1071-83-6)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD OLD	
			IR-4	PL	
			IR-4	PL	
				OLD OLD OLD OLD	See endnote ⁶²
				OLD OLD OLD OLD OLD OLD OLD	See endnote ⁶³

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	See endnote ⁶⁴
				OLD	
				OLD	
				OLD	
					Not required
					Not required

Signature 	Name and Title Ann M. Tillman, Consultant	Date July 26, 2016
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					Not required

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